

```
graph TD
    Start([Start]) --> OpenSession{Open session?}
    OpenSession -- N --> Start
    OpenSession -- Y --> AuthEnabled{Auth enabled?}
    AuthEnabled -- N --> A((A))
    AuthEnabled -- Y --> DisplayGUI[Display login graphical user interface]
    DisplayGUI --> InputCreds[Input user credentials]
    InputCreds --> PriorValid{Prior user valid?}
    PriorValid -- Y --> B((B))
    PriorValid -- N --> Transmitting{Transmitting?}
    Transmitting -- Y --> OpenChannel[Open a parallel channel]
    OpenChannel --> EncryptCreds[Encrypt credentials]
    Transmitting -- N --> EncryptCreds
    EncryptCreds --> TransmitRequest[Transmit request with encrypted credentials to server]
    TransmitRequest --> C((C))
```

FIG. 2A

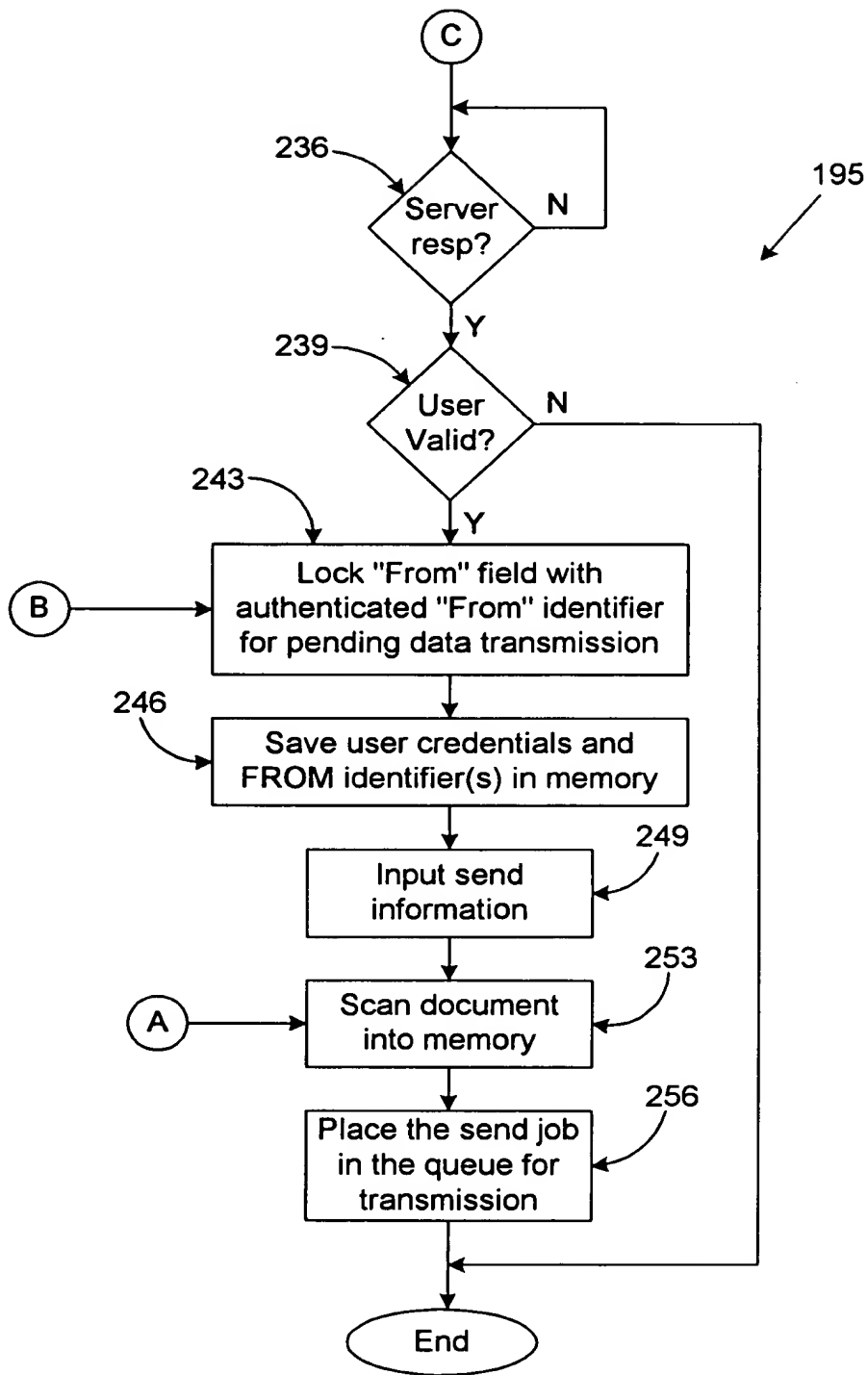


FIG. 2B

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FIG. 3

